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To prevent further deterioration, the General  
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DESCRIPTORS: \*Acrylonitriles, Polymers, \*Crystal  
structure, Diffraction, Density.

According to the literature polyacrylonitrile is said to  
have unit cells of hexagonal structure. It has been es-  
tablished that a hexagonal unit cell must be rejected  
for several reasons. Owing to the poorly defined dif-  
fraction pattern (all the equatorial reflections are ex-  
tremely weak, except for two, with blurred diffraction  
spots on the other layer lines), the unit diffraction cell  
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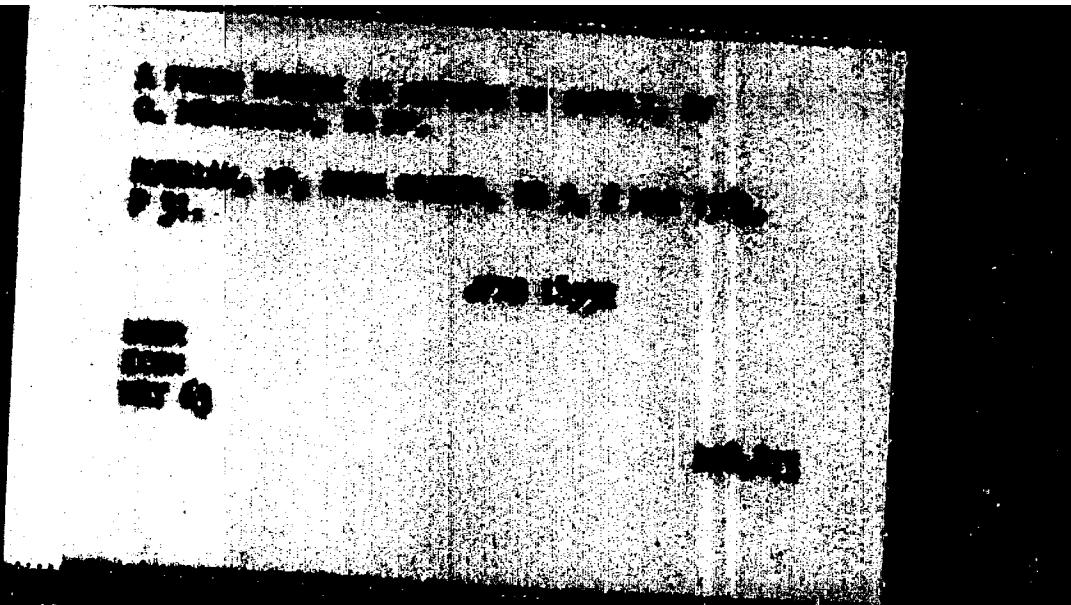
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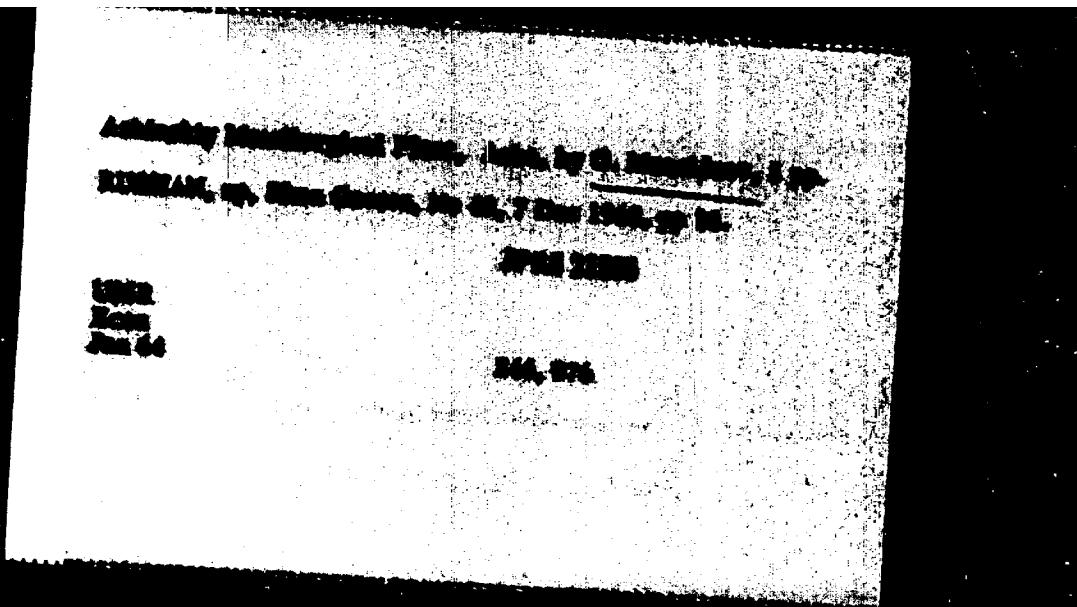
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